

C1 3. (Twice Amended) The method of claim 13 wherein the polynucleotide is wheat dwarf virus RepA.

C2 2 5. (Amended) The method of claim ¹~~13~~ wherein the plant cell is from a monocot or a dicot plant.

C3 9. (Twice Amended) The method of claim 16 wherein the polynucleotide is wheat dwarf virus RepA.

C4 ⁵~~10~~. (Amended) The method of claim ⁴~~16~~ wherein the plant cell is a monocot or a dicot.

C5 11 ¹². (Amended) The method of claim ⁴~~16~~ wherein the promoter is inducible, or regulated in a tissue specific manner, or developmentally or temporally regulated.

Please add new claims 13, 14, 15, 16, and 17.

C4 13. A method for increasing endoreduplication in a plant comprising stably transforming a plant cell with an isolated plant geminivirus replicase polynucleotide operably linked to a promoter capable of driving expression in the plant cell, growing the plant cell to produce a transformed plant, wherein the transformed plant exhibits increased endoreduplication compared to a corresponding non-transformed plant.

8 ³~~14~~. The method of claim ~~8~~ wherein the plant is corn or soybean.

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9 15. The method of claim ~~13~~¹ wherein the promoter is inducible, or regulated in a tissue specific manner, or developmentally or temporally regulated.

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16. A method for increasing crop yield comprising stably transforming a plant cell with an isolated plant geminivirus replicase polynucleotide operably linked to a promoter capable of driving expression in the plant cell, growing the transformed plant cell to produce a transformed plant, wherein the transformed plant exhibits increased yield compared to a corresponding non-transformed plant.

10 17. The method of claim ~~11~~⁶ wherein the plant is corn or soybean.
